## AMENDMENT TO THE CLAIMS

1. (Currently Amended) An isolated nucleic acid molecule comprising a polynucleotide having a sequence selected from the group consisting of:

(a) a sequence encoding amino acids from 1 to 691 of SEQ ID NO:6;

(b) a sequence encoding amino acids from 2 to 691 of SEQ ID NO:6; and

(c) complements of the sequences of (a)-(b);

~~(d) a sequence having 50-2073 contiguous nucleotides from the coding region of SEQ ID NO:4;~~

~~(e) sequences having at least 95% identity to the sequences of (b)-(d), wherein the polypeptide encoded by said sequence has kinase activity;~~

~~(f) sequences having 100-1500 contiguous nucleotides from the coding region of SEQ ID NO:4;~~

~~(g) sequences having 500-1000 contiguous nucleotides from the coding region of SEQ ID NO:4;~~

~~(h) sequences of (a)-(b), wherein said sequence encodes a polypeptide of SEQ ID NO:6 with at least one amino acid substitution, wherein said polypeptide has kinase activity;~~

~~(i) sequences of (a)-(b), wherein said sequence encodes a polypeptide of SEQ ID NO:6 with a conversion of a conserved lysine to an alanine at an ATP binding site of SEQ ID NO:6, wherein said polypeptide has kinase activity;~~

~~(j) sequences of (f)-(g) wherein said sequence encodes a polypeptide having at least one amino acid substitution compared to the corresponding region of SEQ ID NO:6 encoded by said coding region; and~~

~~(k) sequences of (f)-(g) wherein said sequence encodes a polypeptide having a conversion of a conserved lysine to an alanine at an ATP binding site compared to the corresponding region of SEQ ID NO:6 encoded by said coding region.~~

2. (Original) A method of making a vector comprising inserting a nucleic acid molecule of claim 1 into said vector in operable linkage to a promoter.

3. (Original) A vector produced by the method of claim 2.

4. (Original) A method of making a host cell comprising transforming or transfecting a vector of claim 3 into a cell.

5. (Original) A host cell produced by the method of claim 4.

6. (Original) A method of making a polypeptide, comprising culturing the host cell of claim 5 under conditions such that said polypeptide is expressed and recovering said polypeptide.

7. (Withdrawn) An isolated polypeptide comprising an amino acid sequence selected from the group consisting of:

(a) sequences having at least 95% identity to an amino acid sequence of:

(i) amino acids from about 1 to about 744 of SEQ ID NO:3,

(ii) amino acids from about 2 to about 744 of SEQ ID NO:3,

(iii) amino acids from about 1 to about 691 of SEQ ID NO:6,

(iv) amino acids from about 2 to about 691 of SEQ ID NO:6,

(v) amino acids from about 1 to about 724 of SEQ ID NO:9,

(vi) amino acids from about 2 to about 724 of SEQ ID NO:9,

(vii) amino acids from about 1 to about 795 of SEQ ID NO:12, or

(viii) amino acids from about 2 to about 795 of SEQ ID NO:12;

(b) sequences having, expect for at least one amino acid substitution, an amino acid sequence of: (i) – (viii);

(c) sequences having, expect for at least one amino acid substitution, an amino acid sequence of: (i) – (viii); and

(d) sequences having, expect for a conversion of a conserved lysine to an alanine at the ATP binding site of said polypeptide, an amino acid sequence of: (i) – (viii).

8. (Withdrawn) An epitope-bearing portion of a polypeptide selected from the group consisting of SEQ ID NO:3, SEQ ID NO:6, SEQ ID NO:9 and SEQ ID NO:12.

9. (Withdrawn) The epitope-bearing portion of claim 8, which comprises about 5 to about 50 contiguous amino acids.

10. (Withdrawn) An isolated antibody that binds to the polypeptide of claim 7.

11. (Withdrawn) A complex comprising a polypeptide of claim 7 and a Dishevelled protein.

12. (Withdrawn) A complex comprising a fragment of a polypeptide of claim 7 and a Dishevelled protein.

13. (Withdrawn) A method of identifying an inhibitor or enhancer of PAR-1 phosphorylation activity, comprising:

(a) contacting a cell transfected with at least an expression vector encoding Wnt with a candidate inhibitor or enhancer; and

(b) detecting an increase or decrease in Dsh phosphorylation,

wherein a decrease in Dsh phosphorylation indicates the presence of an inhibitor and an increase in Dsh phosphorylation indicates the presence of an enhancer.

14. (Withdrawn) An isolated PAR-1 modulator selected from the group consisting of an antisense oligonucleotide, a ribozyme, a protein, a polypeptide, and a small molecule.

15. (Withdrawn) The isolated PAR-1 modulator of claim 14, wherein said PAR-1 modulator is an antisense molecule or the complement thereof.

16. (Withdrawn) The isolated PAR-1 modulator of claim 15, wherein said antisense molecule or the complement thereof has at least 15 consecutive nucleic acids of the sequence of SEQ ID NO:3, SEQ ID NO:6, SEQ ID NO:9 or SEQ ID NO:12 or which hybridizes under high stringency conditions to said at least 15 consecutive nucleic acids of the sequence of SEQ ID NO:3, SEQ ID NO:6, SEQ ID NO:9 or SEQ ID NO:12.

17. (Withdrawn) The isolated PAR-1 modulator of claim 15, wherein said antisense molecule is selected from the group consisting of SEQ ID NO:13, SEQ ID NO:15 and SEQ ID NO:17.

18. (Withdrawn) The isolated PAR-1 modulator of claim 14, wherein said PAR-1 modulator is selected from the group consisting of an antibody and an antibody fragment.

19. (Withdrawn) The isolated PAR-1 modulator of claim 14, wherein said polypeptide has an amino sequence with at least 95% identity to the amino acid sequence provided in SEQ ID NO:22.

20. (Withdrawn) A composition, comprising a therapeutically effective amount of a PAR-1 modulator of claim 14 in a pharmaceutically acceptable carrier.

21. (Withdrawn) A method of treating a mammal with a disease or disorder associated with a PAR-1 polypeptide, comprising administering to the mammal a composition including a therapeutically effective amount of a PAR-1 modulator of claim 14.

22. (Withdrawn) The method of claim 23, wherein said PAR-1 modulator is an antisense molecule is selected from the group consisting of SEQ ID NO:13, SEQ ID NO:15 and SEQ ID NO:17.

23. (Withdrawn) The method of claim 21, wherein said PAR-1 modulator is a polypeptide that has an amino sequence with at least 95% identity to the amino acid sequence provided in SEQ ID NO:22.

24. (Withdrawn) The method of claim 21, wherein said PAR-1 modulator is selected from the group consisting of an antibody and an antibody fragment.

25. (Withdrawn) The method of claim 21, wherein said PAR-1 modulator is administered *ex vivo* to said mammalian cell.